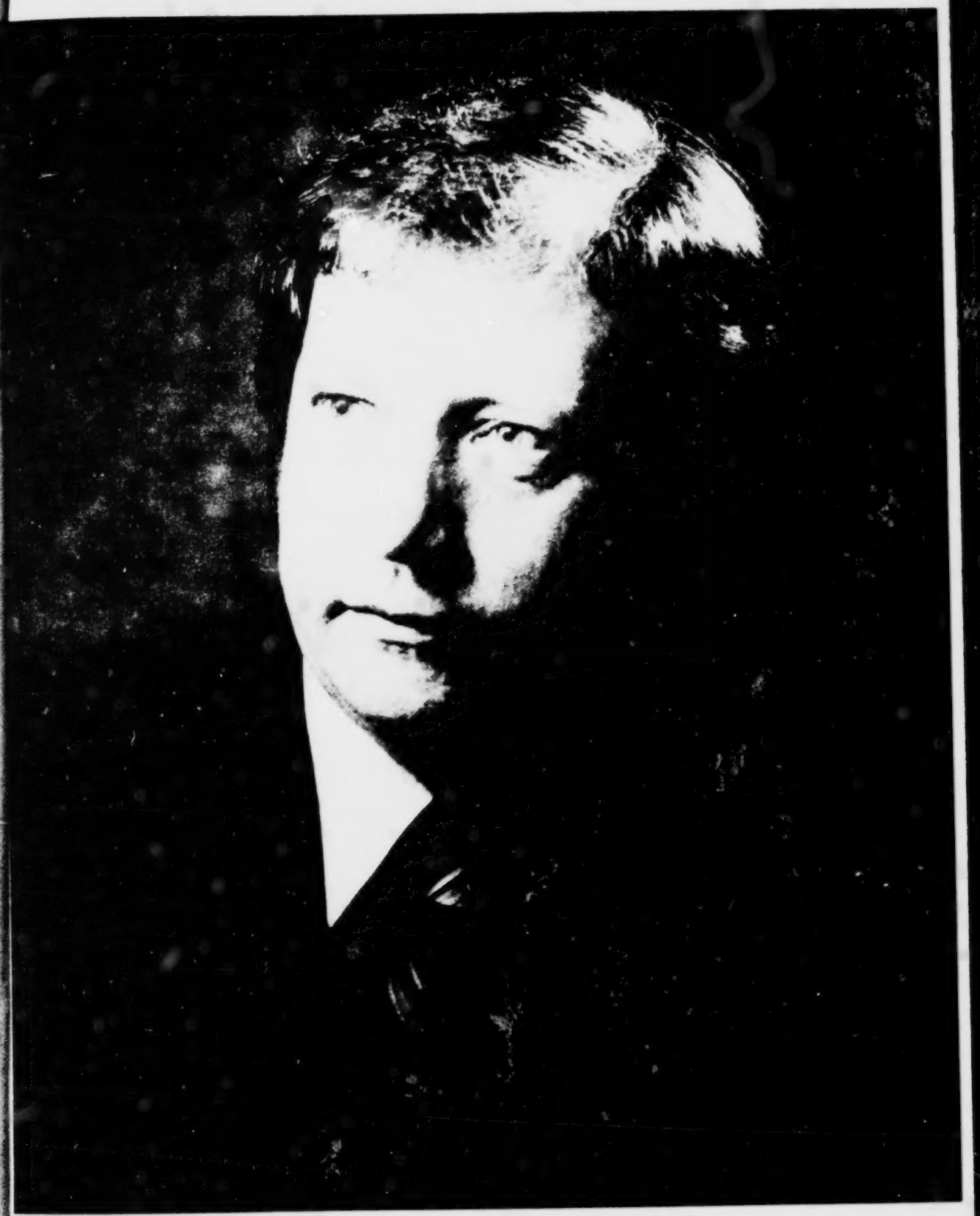
Province Of Newfoundland

Department of Transportation

ANNUAL REPORT

FOR THE FISCAL YEAR ENDED MARCH 31, 1982



Honourable Ron Dawe

GOVERNMENT OF NEWFOUNDLAND AND LABRADOR

DEPARTMENT OF TRANSPORTATION

Office of the Minister

ST. JOHN'S

Lieutenant-Governor of Newfoundland
Honourable W.A. Paddon
Government House
Military Road
St. John's, Newfoundland

MAY IT PLEASE YOUR HONOUR:

I take pleasure in submitting to you the Annual Report of the Department of Transportation for the fiscal year ended March 31, 1982.

Your Obedient Servant

Ron Dawe
Minister of Transportation
Atlantic Place
St. John's, Newfoundland

A. L. WHITE P.Eng.
DEPUTY MINISTER

GOVERNMENT OF NEWFOUNDLAND AND LABRADOR

DEPARTMENT OF TRANSPORTATION

ST. JOHN'S

Honourable Ron Dawe
Minister
Department of Transportation
Government of Newfoundland & Labrador

Sir:

I have the honour to present to you a report of the activities of the Department of Transportation for the fiscal year ended March 31, 1982.

Included are general comments on the year's activities, specific and detailed records of Division responsibilities, and statistics related to tender calls and construction projects.

Respectfully submitted,

A.L. White, P. Eng.
Deputy Minister

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P R E F A C E

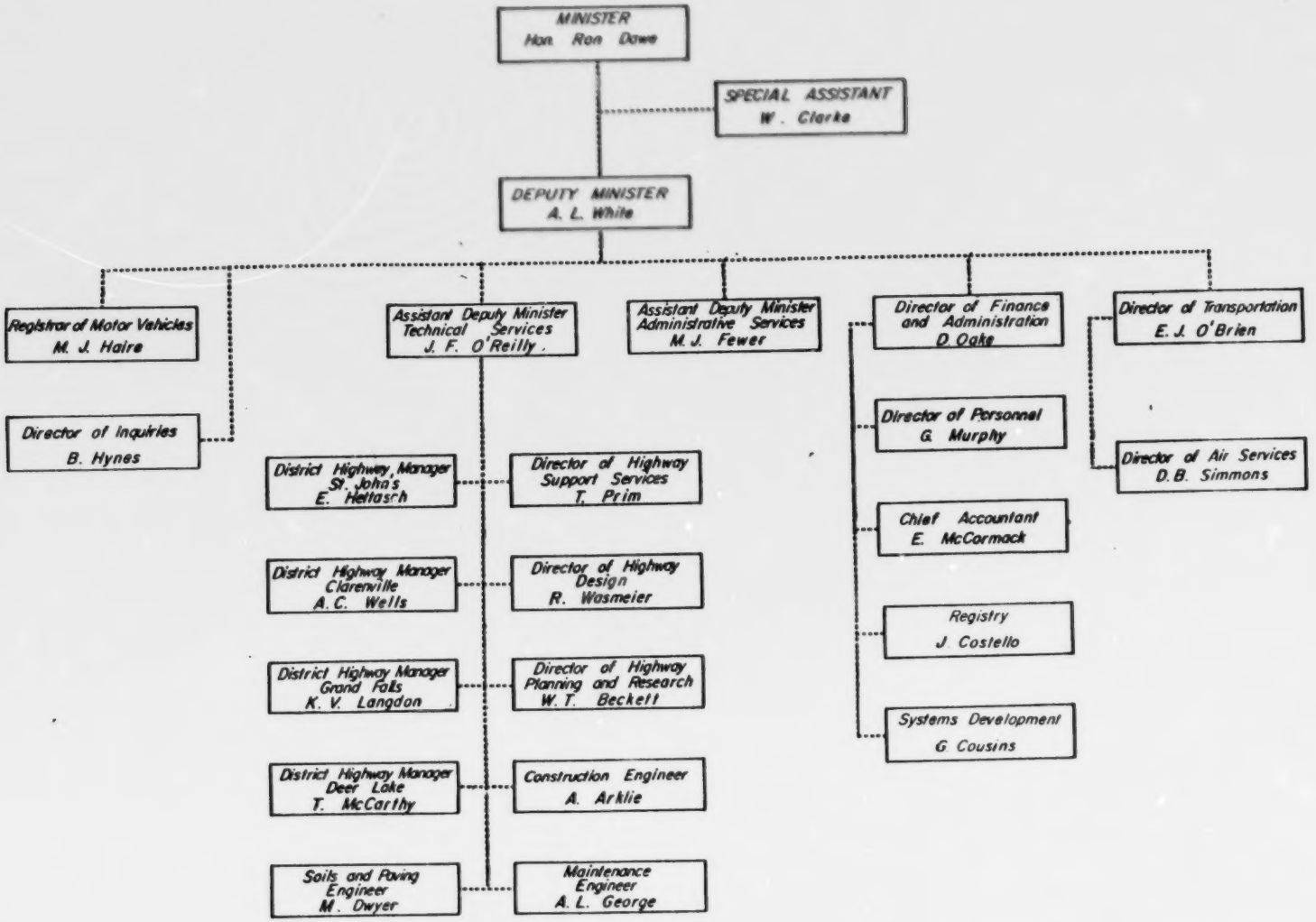
The construction and maintenance of the highway system in Newfoundland and Labrador, comprising over 8,700 kilometres of paved and gravel roads, including several ferry operations and many small aircraft landing faciliites, is the responsibility of the Department of Transportation. The administration of this responsibility is carried out from the Head Office in St. John's and four District Offices in St. John's, Clarenville, Grand Falls, and Deer Lake. Maintenance responsibilities are further allocated amongst 21 subdivisions across the Province.

The Motor Registration Division services the public from a Head Office in St. John's and Regional Offices in Corner Brook, Grand Falls, Clarenville, and Wabush. The Air Services Branch, headquartered at Torbay Airport, supplies administrative services for all government aircraft operations.

This report will document the major improvements to the Newfoundland transportation system for the fiscal year ended March 31, 1982.

DEPARTMENT OF TRANSPORTATION

ORGANIZATION CHART



ADMINISTRATION

GOVERNMENT OF NEWFOUNDLAND AND LABRADOR

DEPARTMENT OF TRANSPORTATION

ST. JOHN'S

Mr. A.L. White, P. Eng.
Deputy Minister
Department of Transportation
6th Floor, Atlantic Place
St. John's, Newfoundland

Dear Mr. White:

I have the pleasure to submit to you a brief report on the activities and administrative duties of the Accounting Division, Personnel Division, Registry, and Systems Development for the fiscal year 1981-82.

Respectfully submitted,

D. Oake, Director
Finance and Administration

ACCOUNTING DIVISION

The Accounting Division had the responsibility for providing advice and direction to all levels of management in the area of financial administration as well as performing the necessary services of financial accounting and control.

During fiscal year 1981-82 the Accounting Division participated in the development of plans and procedures for a new electronic data processing system for the Accounts Division. The procedures will ensure that the latest methods and techniques are utilized to provide effective financial control and concurrently to produce accurate and timely financial data for the Department's use in forecasting, planning, evaluating, co-ordinating and controlling Departmental programs and activities.

The Accounting Division ensured that internal accounting systems were in place to safeguard against illegal or improper action in financial matters, including internal control over:

(1) revenue and expenditure;
(2) cash receipts and disbursements;
(3) accounts receivable

The Accounting Division also assisted and participated in the preparing of Zero-Based Budgeting for the fiscal year 1982-83.

The following summaries of revenue and expenditures indicate the scope of the Department's operation during the 1981-82 fiscal year:

Summary of Revenue and Expenditure, Fiscal Year 1981-1982

	Expenditure	Revenue	Net Expenditure
Executive & Support Services	2,251,000		2,251,000
Highways & Bridges Maintenance	60,712,900	609,800	60,103,100
Highways & Bridges Construction	39,810,800	15,054,100	24,756,700
Motor Vehicle Registration	3,341,800		3,341,800
Transportation Support	6,628,300	2,522,200	4,106,100
Air Services	8,387,300	69,600	228,700
(Air Services Provided to Other Departments)	(8,089,000)		
	113,043,100	18,255,700	94,787,400

Comparison to Previous Years Estimates

	1977-78	1978-79	1979-80	1980-81
Gross Expenditure	112,828,200	122,650,200	153,204,200	130,742,500
Less:				
Related Revenue	31,415,500	39,394,100	48,753,200	33,602,200
Net Expenditure	81,412,700	83,256,100	104,451,000	97,140,300

PERSONNEL AND PAYROLL DIVISION

At the end of fiscal year 1981-82 the approved work force of the Department, including all branches within the Department. and also including those designated as "Open Vote", was 1874 regular positions. In addition, auxiliary employees were hired to meet seasonal and temporary work requirements. The total temporary and seasonal employees on staff during the peak summer maintenance period in August, 1981, was 432; the total temporary and seasonal staff complement during the winter maintenance period in February, 1982 was 411 employees

As was the case during fiscal year 1980-81, the staff complement during both maintenance periods show a decrease from previous years. This can be attributed to the fact that staff fluctuations have levelled off with the introduction of the Maintenance Management Programme. As well, a one-shift system only was maintained during the winter period, in spite of the harsh winter conditions.

Initial appointments and promotional opportunities during the past year required 114 postings, of which 76 were processed through the Public Service Commission and the balance by Headquaters and the District Offices with the assistance of the District management.

There were 15 step 3 (Committee Level) grievances processsed on behalf of the Deputy Minister. The majority of these were processed at the District level with appropriate advice from the Director of Personnel where required. However, 12 of those grievances were submitted to Treasury Board, having been referred by the Union for arbitration. Of those 12 referred, 5 were upheld in favour of the Employer (this Department), 2 were dropped by the Union prior to a hearing, 1 case was conceded by the Employer prior to a hearing, and in 2 cases a

compromise was reached between both parties outside of arbitration. The two remaining cases were split decisions with the actual cases being given in favour of the Union, but with the Board upholding the Employer's interpretation of the relevant Collective Agreement provisions.

During 1981-82 there were 68 retirements, some due to mandatory retirement, some through elected early retirement, and some for medical disability reasons. Of those who retired 18 had 25 or more years of service and 5 had 35 or more years of service.

In the staff development and training area, 55 applications were processed for requests for miscellaneous training courses and seminars. These courses were for the most part offered by, or sponsored by, the Public Service Commission. A seminar developed primarily by the Department's Chief Draftsman and sponsored by the Public Service Commission was conducted late in the year. This was designed to make all Draftspeople aware of the standards and practices applicable to their classification.

The Department, in conjuction with the Public Service Commission, utilized the facilities and expertise of the Bay St. George Community College at Stephenville in providing refresher training to 6 Driver Examiner/Motor Vehicle Examiners of the Motor Registration Division. However, due to a combination of fiscal and time constraints, no courses were held for the Equipment Operators in fiscal year 1981-82.

Recognizing the need for specialized training within the Department's Air Services Division, one Aircraft Maintenance Engineer, with some assistance from the Public Service Commission, attended a Beechcraft Aircraft Maintenance Course in

Wichita, Kansas, U.S.A. This type of training is required in order for Aircraft Engineers to be authorized by Transport Canada to certify the airworthiness of turbo-prop aircraft, the type of aircraft being maintained by the Department on behalf of Government.

An on-going programme of specialized training was initiated as well during the fiscal year when the Chief Pilot and a senior Pilot from the Air Services Division attended a comprehensive development and refresher course at the Flight Safety International Foundation in Atlanta, Georgia. This course, which once initiated, becomes an on-going continual program, is designed to upgrade aircraft pilot proficiency to present state-of-the-art status on turbo-prop aircraft and flight navigational aids.

REGISTRY

The Registry maintained the responsibility for the collection and storage of official records of the Department, in order to permit convenient access to these records by other divisions within the Department.

The Registry had the responsibility to receive and supervise the distribution of all Departmental mail and correspondence including Tender bids, petitions, and general correspondence.

During fiscal year 1981-82, the Registry received approximately 500 pieces of mail per day and utilized 76 cabinets with about 14,000 files. Some 750,000 records were placed in permanent storage with the Government record center in Pleasantville.

The staff has remained constant, at the present consisting of 5 people: Registrar, Assistant Registrar, Typist I, and 2 Clerk II's.

SYSTEMS DEVELOPMENT

The Systems Development Section was newly created during fiscal year 1981-82 with a Manager, Systems Development hired during July 1981. The section centralized and focused efforts in all areas of systems development and negotiations with Newfoundland and Labrador Computer Services Limited (NLCS).

Assistance was given to the Equipment Management System (E.M.S.) to insure a timely completion of the project as well as negotiating an attractive contract with N.L.C.S.

Much co-ordination was ongoing with the Motor Registration Division Management Information System under development during fiscal year 1981-82 with a scheduled completion of March 1984.

Initial studies were commenced in the accounting area to provide an accounting system complimentary to the system under development by the Department of Finance.

Liaison with other Governmental Departments was initiated, with an overall view to concentrating efforts in areas of common development.

A front end balancing system for the open Vote payroll was spearheaded, with the major portion of development work undertaken and completed using payroll staff. This enhancement is scheduled for implementation July 1982.

MOTOR REGISTRATION

MOTOR REGISTRATION DIVISION

Motor Vehicle Inspection and Driver Examination Section

The Section, comprised of fifteen offices located throughout various areas of the Island and Labrador, had responsibility for the licencing of inspection outlets, for roadside motor vehicle inspections, and for the testing and examination of prospective drivers. Motor vehicle inspections were required of all vehicles two years old, or older, at registration but excluding motorcycles, trailers, and construction equipment. Motor vehicles, with the above exceptions, were also required to be inspected upon transfer of ownership. The Section assisted the licencing and registration section through investigation of complaints arising from the mechanical fitness of motor vehciles as well as regular inspection of the motor vehicle inspection outlets. This service resulted in the suspension of 33 inspection outlets during the fiscal year 1981-82 and the inspection of 23,196 vehicles of which 1,971 vehicles were found to have defects.

The number of people applying for beginner's licences and subjected to the written and vision testing numbered 22,872 of which 453 failed. The driver examiners were responsible for the testing of 23,966 driver applicants of which 9,071 were unsuccessful.

During the fiscal year 1981-82 the Section issued 14,898 new driver's licences for a grand total of 284,348 driver's licences.

The registration of motor vehicles for the past three years is:

	1979	1980	1981
Passenger Vehicles	135,263	141,461	141,607
Commercial Vehicles	53,505	60,521	62,311
Other	35,997	37,325	37,716
Total	224,765	239,307	241,634

Financial Responsibility Section

This Section processed, maintained, and managed the conviction and accident records of all Newfoundland drivers. During the fiscal year 1981-82 the Section processed over 52,428 driving records and accident reports. The Section also issued abstracts of driving records to individuals and companies at a fee.

The relevant statistics related to driving offences:

1981-82 Accidents

Number	14,421
Fatalities	59
Injuries	2,705

Alcohol Convictions

Driving while impaired (total)	202
Driving while impaired (Second offence)	53
Refusing breathalizer (total)	317
Refusing breathalizer (Second offence)	136
Blood alcohol over .08% (total)	2,553
Blood alcohol over .08% (Second offence)	473

Criminal Charges

Taking vehicle without consent	33
Driving while licence suspended	122
Failing to remain at accident	109
Dangerous driving	106
Criminal negligence	5

In all 4,109 people had their driver's licence suspended or cancelled during the fiscal year 1981-82 for offences under the Criminal Code.

Beginning with the issuing of the 1982 licence plates, the Motor Registration Division phased in the new registration program whereby certain vehicle owners will be required to register their vehicles at certain times of the year with the exception of July and August depending on the last digit of their 1981 licence plate number. September of 1982 will be the first month for the renewals under the new system.

MOTOR REGISTRATION DIVISION 1981-82

REVENUE

Vehicles	$12,143,570.29
Drivers	2,413,912.44
In-Transit	30,790.00
Misc.	169,978.13
Dealer	8,460.00
All Terrain Vehicles	6,268.00
Snowmobiles	21,931.50
Sub Total	$14,794,910.36
Add:	
Federal-Provincial Reciprocal Taxation Agreement Fee	142,065.00
	$14,936,975.36

Note: These funds become part of the General Revenue Account rather than a part of the budget of the Department of Transportation.

TECHNICAL

SERVICES

GOVERNMENT OF NEWFOUNDLAND AND LABRADOR

DEPARTMENT OF TRANSPORTATION

ST. JOHN'S

Mr. A.L. White, P. Eng.
Deputy Minister
Department of Transportation
6th Floor, Atlantic Place
St. John's, NMfld.

Dear Mr. White:

The following reports and substantiating statistics accurately depict the activities of the Technical Services Branch during the Fiscal Year 1981-82.

The year was rather quiet from a construction viewpoint due to the expiry of many Canada/Newfoundland Agreements. Emphasis was placed on the negotiation for funding which is now in place for fiscal year 1982-83.

We await the full implications of the passage of the Environmental Assessment Act, however, the addition to staff of an Environmental Planner has eased many potentially critical environmental situations.

The Equipment Management Program continued to be developed and is expected to be functional in fiscal year 1982-83.

Respectfully yours,

J.F. O'Reilly, P. Eng.
Assistant Deputy Minister

CONSTRUCTION DIVISION

The Construction Division is responsible for the Capital Construction Program. During 1981-82 this Division administered 146 projects of which 92 were carried out by contract and 54 by day labour through the Maintenance Division. Seventeen of the contracts continued from the previous year while the remaining 75 were awarded during 1980-81. The total expenditure for the fiscal year amounted to $36,900,000 with a total length of projects under active construction of about 172km including 90km of grading and 82km of paving.

Some of the construction highlights of 1981-82 included:

Cost Shared Projects:

Canada/Newfoundland Industrial Development Subsidiary Agreement Phase 1 - Western Nfld.

This agreement signed in 1979 covered two major development projects. (1) The Corner Brook Industrial Park Access Road: a bridge across Corner Brook stream was completed and an overpass over the Trans Canada Highway was finished. A contract for paving from the Trans Canada Highway to O'Connell Drive awarded in 1981 was also completed this year. (2) The Stephenville Industrial Access Road: Construction of an interchange with the Trans Canada Highway was completed as well as a grading contract from Main Gut Bridge to Stephenville. A paving contract was also awarded & completed between Trans Canada Highway and Main Gut Bridge.

Canada/Newfoundland Community Development Subsidiary Agreement for Coastal Labrador

This Agreement included funds for highway reconstruction and paving between the provincial Border with Quebec at Blanc Sablon going towards Pinware and Red Bay and also provision for inter Community road construction (a) construction of a road

between William Harbour and Georges Cove and (b) construction of a road between Lodge Bay and Marys Harbour. This year three grading contracts were awarded between Blanc Sablon and Pinware for a value of approximately $7.3 million. Neither one of the projects were completed although some $5.3 million was spent in the area. It is anticipated that the grading work will be finished early next year in order that the majority of the area can be paved. A contract was awarded for the construction of the road linking Williams Harbour and Georges Cove, where some clearing of right of way was performed in 1981- 82.

Canada/Newfoundland Subsidiary Agreement on Highways 1976-81

This Agreement ended in 1981 with an additional year to wind up work on projects left uncompleted. One such project was the application of class A granulars to Burgeo Road. Another was completion of the reconstruction and paving of 1.5km through the town of Harbour Breton.

Canada/Newfoundland Primary Highway Strengthening/Improvement Agreement 1978-81. Trans Canada Highway Phase I

This Agreement for work on the Trans Canada Highway also ended in 1981 where several projects were completed this year. These were (a) hydro seeding the slopes near Glovertown Interchange (b) completion of the Grade Separation at Stephenville (c) paving between Georges Lake and Gallants Road Intersection and (d) complete two grading and paving projects between Crabbes River and Robinsons Access Road.

Provincial Projects:

Other major construction projects carried out during the Capital Construction Program were as follows:

Contracts for Paving:

1. Queens Cove to Long Beach (6km)
2. Amherst Cove to Catalina (11km)
3. Roberts Arm Road to Port Anson and Miles cove (6.7km)
4. Holyrood Access Road to North Arm Bridge (2km)
5. Kilbride to Goulds (7km)
6. Portugal Cove Road (2.5km)
7. George Town to Brigus (2km)
8. Hickman Hbr., Britannia, Lance Cove, and Petley (10km)

Contracts for Improvement & Reconstruction

1. Burlington Road (2.5km)
2. Westport Road (4.6km)
3. Witless Bay Line (4km)
4. Burin Peninsula Highway towards Terrenceville (2km)
5. Pilleys Island towards Long Island Tickle (3km)
6. New Harbour Barrens Road (5km)
7. O'Connell Drive, Corner Brook (0.5km)
8. Commonwealth Ave, Mount Pearl (0.5km)
9. Jerseyside Hill, Placentia (0.5km)
10. Wiltondale to Park Boundary (2km)
11. Logy Bay Road (1.2km)
12. Herring Neck (3km)

DESIGN DIVISION

The re-organized Design Division functioned well as part of the overall assignment and responsibilities of the Department of Transportation.

1. Highway Design

The responsibilities included roads, bridges, causeways, airstrips, culverts, and wharfs. The Design Division had responsibility for all preliminary engineering, cost estimates, quantities, and tender documents for upgrading of all types of existing structures and new construction. The Design Division controlled the preliminary survey and the supervision of design work done by Consulting Engineers, and the roadside control and acquisition of properties. Besides numerous local projects, major design work was undertaken for the upgrading of sections of the TCH, Route 510 (Straits Road, Labrador), and Route 520 from Labrador City to Wabush. The design for interchanges and grade separations for the Outer Ring Road and for the East-West Arterial was continued.

2. Bridge Design

During 1981-82 tenders were called for the four new bridge projects. The North West River Bridge was completed and opened for traffic. All structures on the TCH were inspected and evaluated and a repaint program instituted. Preliminary hydrology and structural design was undertaken for several bridges and ferry terminals. Ten overload evaluations were undertaken on provincial structures and a program of formal inspection was commenced.

All ongoing bridge projects received the technical assistance and support of shop design and drawings approval. Major accomplishments in the development of computer software were evidenced.

The Bridge Design Section also carried responsibility for the technical and design aspects of ferry terminals.

3. Traffic Engineering

The Traffic Engineering Section had responsibility for highway signs, pavement markings, traffic control devices, and collection of traffic flow data. In the 1981-82 fiscal year the sign shop produced 17,625 highway signs of various sizes and designs, and 2600m^2 of custom signs for installation on the highway system. In addition, a successful pilot project was continued to assess plastic guide posts.

The responsibility for pavement marking on the highway system was added to the Traffic Engineering Section during 1981-82. The Department switched to a non-coming traffic paint which was laid using 15,700 man-hours of labour. In addition, a successful change in painting of intersection markings was undertaken with the addition of 30cm lines and standardized pavement marking letters.

In respect to traffic control devices the Traffic Engineering Section undertook the following:

(a) Pedestrian light system on Harvey Street, Harbour Grace.

(b) Two intersection lights on Rte. 70 at Bay Roberts.

(c) Installation of High Pressure Sodium lighting for Grand Falls and Corner Brook Scale Houses.

During 1981-82 traffic count data were collected to update traffic flows from previous years and numerous other traffic engineering studies were performed.

4. Engineering Administration

This section was responsible for contract tenders, for obtaining railway crossing approvals, and for the proper performances of the drafting work, and all other activities associated with the function of the drafting office.

During fiscal year 1981-82 a total of 76 tenders were called.

DISTRICT ONE (ST. JOHN'S)

During fiscal year 1981-82, District One supervised the expenditure of $5.0 million under Capital Account with an Engineering staff of 42, whose salaries amounted to $355,000. This program resulted in the reconstruction of 10km of road with an additional 11km started and approximately 70% completed. 9.8km of new pavement were completed and 19.3km of existing pavement were resurfaced.

The above included such projects as:

1. The widening of a section of Commonwealth Avenue, Mt. Pearl, to 4-lanes with curb and gutter, and base asphalt, which will be resurfaced during the 1982-83 season.
2. Upgrading and resurfacing a section of the Conception Bay Highway between Georgetown and Brigus.
3. Diversion of a section of Portugal Cove Road near Windsor Lake to eliminate flooding problems.
4. Resurfacing streets in Carbonear.
5. Widening a section of Logy Bay Road to 4-lanes with curb and gutter was commenced and approximately 60% completed.
6. Major repair to Holyrood Pond Bridge.
7. Reconstruction of a 5km section of Witless Bay Line was started and about 60% completed.
8. An additional 5km of the Tilton to New Harbour Road was started and about 80% completed. There is about 8km of this road remaining to be upgraded to complete the link from the Conception Bay Highway to Trinity Bay Road.

In fiscal year 1981-82 current account expenditures for Summer Maintenance amounted to $1,700,000. Winter Maintenance expenditures amounted to $2,650,000. with $700,000. being spent on rentals for privately owned snow clearing equipment.

This was an increase of $570,000. in rental costs over the previous year and reflected the record snow falls experienced during the winter. Approximately 27,400 tonnes of salt were used for ice control. A single shift of employees was used except on the heavily travelled, high speed arteries where a double shift was used.

Salaries paid out to maintain the road system in District I amounted to $7,465,000. of which $2,300,000. was paid to approximately 124 employees in the Mechanical Division. The remainder was paid to approximately 270 employees in the Operations and Administrative Divisions. The Operations Division of District I maintained 1387km of paved road and 706km of gravel road.

The Mechanical Division spent $1,650,000. for maintenance of equipment and on 1981 04 01 the Equipment Management System was implemented which involved:

(1) Equipment Classification
(2) Equipment Identification
(3) Equipment Inventory
(4) Preventive Maintenance Program
(5) Monthly Usage Report
(6) Shop Repair Orders

This system provided a basis for excellent reporting and with the Preventive Maintenance Program resulted in a decrease in unscheduled down-time of badly needed equipment. The start of the new garage at the Bay Roberts Sub-division was a long awaited event and the new facility will greatly enhance the ability to keep the equipment functional in that area.

DISTRICT TWO (CLARENVILLE)

During fiscal year 1981-82 District Two of the Department supervised the expenditure under Capital and Current Account of 7.75 million dollars. Salaries paid for the supervision of this work were 5.75 million with a maximum staff of 370.

The cost for summer maintenance, winter maintenance, and maintenance of equipment to support these two programs was 4.9 million dollars. The summer maintenance program was again planned and carried out under the Maintenance Management Program. The Program was successful although a request was made to revise certain of the activities.

Winter maintenance used 30,000 tonnes of salt and 20,000 tonnes of sand for ice control. The 130 pieces of equipment scheduled to carry out the winter program ran into some difficulty. This was because of the severity and frequency of the storms, particularly in the open country on Route 210 (Burin Peninsula). As a result, at the peak of these storms an additional 38 pieces of equipment were engaged on a rental basis. This resulted in an over-expenditure on the Hire of Machinery allocation of $250,000.

The expenditure under Capital Program was 2.84 million, supervised by an engineering staff of approximately 40, with total salaries of $485,000. The program resulted in reconstruction of 8.8km of highway, new construction of 1.15km, paving of 32km of previously unpaved highway, and recapping of 0.6km. Ninety-seven percent of the proposed Capital Program for District Two was completed in 1981-82.

DISTRICT THREE (GRAND FALLS)

During fiscal year 1981-82, District 3 of the Department supervised the expenditure under Capital and Current Account of approximately $18.5 million, $7.9 million paid out in salaries for the approximately 500 employees.

The cost of summer maintenance, winter maintenance, and maintenance of equipment under current account was $6.3 million. Summer maintenance was planned by the Maintenance Management Program and was very successful. Approximately 30,000 cubic metres of maintenance grade III material was crushed and stockpiled for maintenance of gravel roads.

Also, approximately 11,500 tons of hot and cold asphalt mix was purchased and placed on existing asphalt surfaces.

Winter maintenance was carried out using approximately 175 pieces of equipment including supervisory personnel vehicles. Approximately 27,500 tonnes of salt and 18,000 tonnes of sand were applied to road surface. The winter was one of the worst experienced in quite a few years resulting in a number of road blockages, especially on the Connaigre Peninsula, the Wesleyville area, and the Baie Verte Peninsula due to the heavy snowfalls and high winds. Maintenance of equipment cost, for both programs, at $1.5 million was less than the previous year, due to a reduction in the number of pieces of equipment in the District, the implementation of the Equipment Maintenance System, and the continued use of the Single Shift system for winter maintenance.

Under the capital program, there was an expenditure of $4.8 million. The program resulted in the construction or reconstruction of approximately 15km of gravel road and the upgrading and paving, or repaving, of 9km of main highway, 1.5km of which was transferred to the Town of Harbour Breton.

DISTRICT FOUR (DEER LAKE)

During fiscal year 1981-82, District Four of the Department supervised the exenditure under Current Account of $16.036 million. The salaries included in this amount were $7.883 million, Summer Maintenance materials $2.064 million, Winter Maintenance materials $4.183 million, and Maintenance of Equipment $1.906 million.

Summer Maintenance was planned by the Maintenance Management Program and was very successful. All work planned in the program was completed and certain activities were exceeded without exceeding the fiscal allocation. The program was carried out with a maximum staff of 396.

Winter Maintenance for the District was carried out with 158 pieces of equipment using approximately 32,000 tonnes of salt and 15,000 tonnes of sand.

During the winter of 1981-82 a single shift system was introduced to District Four. There were a number of areas where a double shift system was maintained because of extreme weather conditions (i.e. Burgeo Road, St. Anthony, Roddickton, Cooks Harbour, Goose Bay, Trout River Road).

The winter of 1981-82 was one of the worst on record, however, the single shift system proved very successful despite the severe winter experienced.

However, in many areas the sizes of the equipment owned by the Department proved too small to handle the amount of snow which accumulated and larger loaders and snowblowers had to be hired from private contractors to open some roads.

Under the Capital Program an expenditure of $19.806 million was supervised by a maximum Engineering staff of 110 with salaries of $835,000. The program consisted of $4.138 million provincial program, $13.518 million under the DREE agreeements, and $9.743 million under the Trans Canada Highway agreement. The program resulted in the paving of 40.12km of highway, the reconstruction of 66.74km, the recapping of 4.5km and the construction of 13.90km of new highway. Also included in the program was the construction of six bridges.

In Addition:

1. During the summer of 1981 the experimental chip seal program was continued on route 460. The program was proving to be a success.

2. Major reconstruction work got underway on the Southern Labrador highway route 510 with the awarding of three separate grading contracts.

3. Grading work was completed on the new Stephenville Industrial Access Road.

4. The New Corner Brook Ring Road from the T.C.H. to the intersection with O'Connell Drive was paved.

MAINTENANCE

The Maintenance Division was responsible for maintaining the Provincial Highway System comprising of 5,367km asphalt surfaced and 3,346km gravel surfaced highways during fiscal year 1981-82.

The maintenance of the highway system was administered by four District jurisdictions with a total of 21 subdivisions responsible for 70 work unit areas. The Maintenance Work Program included some 50 activities ranging from manual litter pickup to specialized asphalt pavement repairs including airstrip maintenance.

The Highway Maintenance Management System was consolidated and revised to reflect a more positive approach to local maintenance practices and procedures.

The division administered the Local Road Boards Act which provided funding for maintenance of Local Roads in Unincorporated Communities without highway connections. Annual Grants were provided to Local Roads Boards elected by the Community on the basis of $4 per capita.

In fiscal year 1981-82, sixteen of the eighteen Boards eligible for grants qualified for the grants under the provisions of the Act, however, only fifteen of these Boards applied for grants. The Statutory Grants released totalled $9,864 and in addition Special Grants totalling $28,665 were approved.

In 1981-82 the Local Road Board at Battle Harbour was reactivated and requests were received from other Communities along the Labrador Coast to have their Local Road Boards reactivated also.

The Maintenance Program included snow removal and ice control which was accomplished by 275 snow plows, 200 ice control vehicles, and 37 specially designed dual purpose ice control and snow plow vehicles. During the 1981-82 winter season approximately 120,000 tonnes of salt, and 60,000 tonnes of sand were used in the effort to keep highways safe for winter travel. The heavy snowfall and extreme weather conditions of the winter proved that despite trying conditions personnel and equipment perform in an exemplary manner.

Funding provided to the Maintenance Division in the fiscal year 1981-82 included the following:

Salaries	-	$29,100,000
Summer Maintenance	-	7,030,000
Winter Maintenance	-	8,440,000
Maintenance of Equipment	-	7,100,000
	TOTAL	$49,440,000

PLANNING AND RESEARCH DIVISION

The Planning and Research Division had responsibility for the development of the Advance Capital Construction Programme containing the current and future highway needs throughout the Province, for the justification and evaluation of highway projects cost shared with the Federal Government, and for ongoing research into provincial transportation issues:

The main Planning activities of the Division were:

1. Highway Inventory

   A computer data base containing section identification, geometrics, and accident history was maintained. During 1981-82 records on traffic volumes and maintenance costs were commenced. The system maintained the ability to develop records on pavement condition, structure condition, and general social, economic, and environmental variables in future.

2. Highway Analysis

   The priority needs of the provincial highway system were determined based on the inventory data and the current traffic volumes. An evaluation of the impact of the Canada/Newfoundland 1976-1981 Subsidiary Agreement on Highways was continued. The project schedule for the Straits Road (Route 510) was developed.

3. Special Studies

   The Planning and Research Division represented the Department on technical and advisory committees, participated in special transportation studies of multi model nature, and assisted in the development of Departmental policy on transportation issues including the legislation making compulsory the use of seat belts.

During fiscal year 1981-82 the special studies included:

1. Determination of provincial expenditure for transportation of the disabled.

2. Development of an environmental planning process.

3. An analysis of the transportation impacts associated with changes in coastal boat rates and routes.

4. Prequalification of non-coning traffic point.

5. Investigation of the merits of plowable raised reflective pavement markers.

SOILS AND PAVING DIVISION

The main function of the Soils and Paving Division was to supply other Divisions within the Department with specialized geotechnical support in all phases of highway and bridge design and construction.

Quality Control & Materials Testing

The Division supplied the Construction Division with Materials Technicians to perform work consisting of mix designs and quality control of asphaltic materials, plus the testing and inspection of base materials. This service was supplied to all ongoing jobs during the 1981-82 construction season.

The Maintenance Division was provided with quality control testing in all phases of their operation (salt, winter sand, maintenance #3 granular material, chip sealing, etc.).

Concrete Control

The Concrete Laboratory analyzed materials used in various types of concrete construction and evaluated mix designs, making adjustments when required. Quality control throughout the construction stages was also overseen by the Soils and Paving Division.

Foundation Investigation

The Division maintained a Soils Investigation Program in assisting the Design Division in design activities. This program, not only monitored work awarded to Engineering Consultants, but involved the investigation and interpretation of results at a Department level.

This program was being expanded in order that the Division will become self-sufficient, (ie. all investigations performed and analyzed at the Department level).

Pavement Evaluation Program

The Soils and Paving Division implemented a pavement evaluation program during 1981-82. Pavements were evaluated in terms of distress, causes of the individual distress, and recommended programs for correction.

Pit Inventory System

During the 1981-82 Construction season, the Soils and Paving Division implemented a pit inventory system. This is an extensive program of material samples of all known pits and quarries which are tested and evaluated during the winter months to provide "finger-tip" information on material sources.

Applied Research

Among the regular 1981-82 activities of the Soils and Paving Division, various construction problems were investigated in an effort to reduce their re-occurance.

SUPPORT SERVICES DIVISION

The responsibilities of the Support Services Division included:

1. Management of Departmental Equipment
2. Spare parts inventory contol for the Departmental fleet
3. Policy and co-ordination for the provincial weigh scale operations

During fiscal year 1981-82, the equipment inventory list of the Department of Transportation numbered just over 2,000 pieces of equipment; the majority consisting of 191 single axle dump trucks, 120 tandem axle dump trucks, 144 graders, 122 front-end loaders, 56 bulldozers, and 335 pieces of light mobile equipment, while the residual were miscellaneous equipment.

The equipment was maintained at 37 repair facilities throughout the Province ranging in size from 26 bays to 1 bay. A mechanical staff of 264 personnel were directly involved with equipment repairs at these facilities. A further staff of 52 managed the 16 locations which contained stockrooms. In-stock inventory value was approximately $2 million with a three time annual turnover. Maintenance of equipment expenditure totalled $7.2 million for the fiscal year 1981-82.

Capital expenditure for new machinery amounted to $4.25 million while surplus equipment was disposed of by both public auction and public tender realizing a gross dollar figure of $240,000.

A consulting firm, contracted in 1980 to implement a computerized Equipment Management System, completed all but system testing during the 1981-82 fiscal year. The area of principle emphasis being a comprehensive Preventative Maintenance Program. The Equipment Management System is expected to be fully on-stream during 1982.

Inspection station operations in 1981-82 reached record status in terms of the overall objectives. Safety inspections, inspector training, and vehicle weighings were the main priorities and results were recorded as follows:

Number of vehicles weighed was 218,000

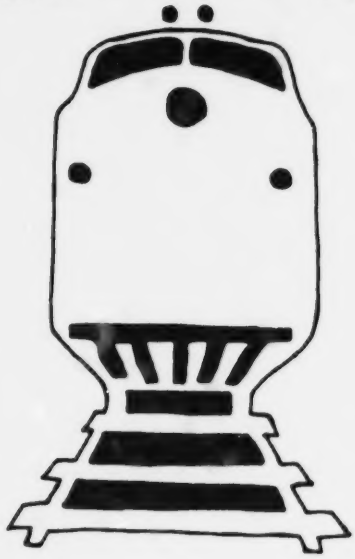
Number of vehicles inspected was 12,700

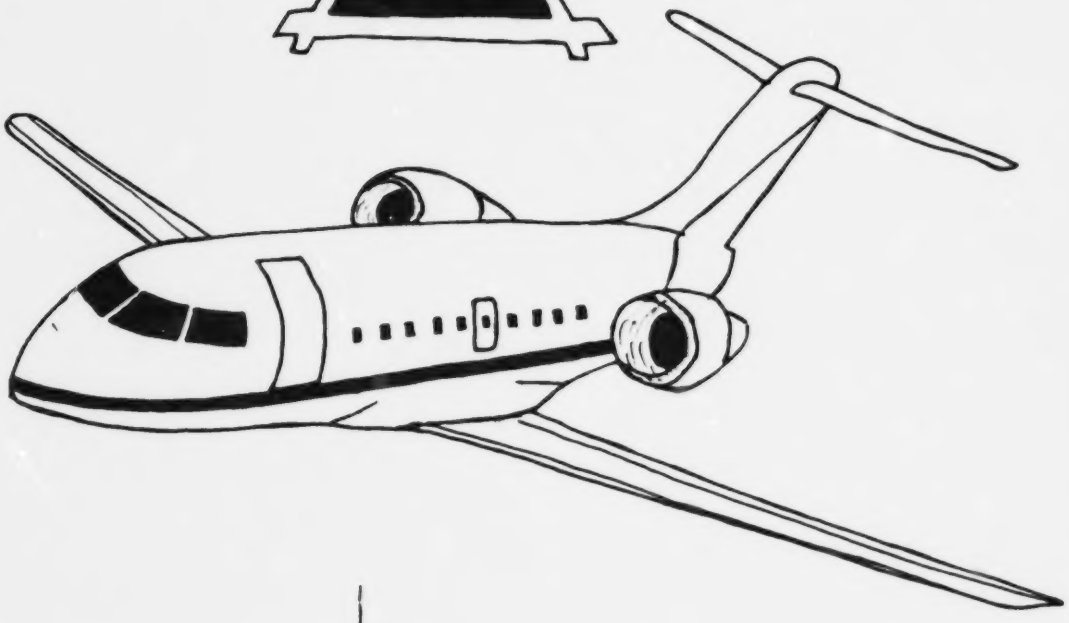
Revenue from these activities totalled $71,000. The figures clearly demonstrated the benefits of a continous training program.

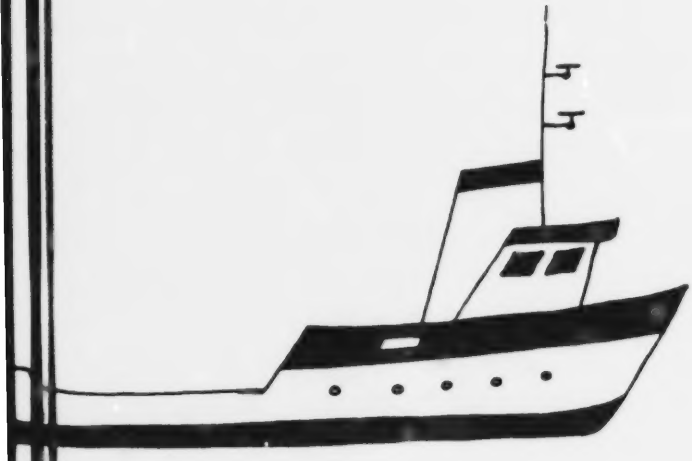
During 1981-82 the Division introduced an overmass/oversize special permit policy. The principle governing the special permit procedure was the recongnition that there were certain types of loads that were not divisible and for economic reasons should be granted permission to travel under control even though their mass or dimensions sometimes appreciably exceed regulatory restrictions. The new policy readily accommodated the industry and, at the same time, provided satisfactory protection for the Provincial Highway Network. Both the Provincial and Atlantic Trucking Associations were approached for comment prior to the implementation of the new policy.

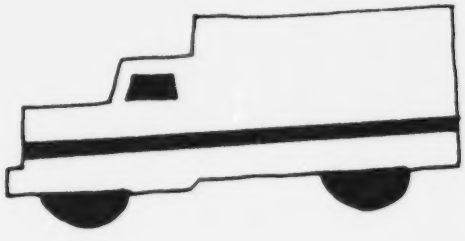
The Highway Equipment Inspectors continued their efforts to provide proper training programs for the Department's Equipment Operators. The Division developed a curriculum that provides the necessary training for inspectors and operators to achieve desired objectives of safe, efficient, and economical operations. Although difficult to accurately measure the results of the training program, the inspector/trainer played a vital role in all operational aspects of the Department's vehicle fleet.

TRANSPORTATION









TRANSPORTATION DIVISION

The responsibilities of the Transportation Division included the formulation of transportation policy recommendations, the monitoring and administration of transportation activities within the Province, the negotiation of helicopter and fixed wing contracts, and the preparation of briefs, submissions, and reports.

During fiscal year 1981-82 the Transportation Division was involved in the administration of the Urban Transportation Assistance Program. Under this Federal/Provincial cost shared program studies of the urban transit needs of the City of Corner Brook and the City of St. John's were assessed. The City of Corner Brook was the recipient of new transit vehicles, a bus maintenance depot, a bus terminal, a bus shelter, and bus signs. The City of St. John's received new vehicles to add to the present urban transit fleet.

In the marine sector, the Division, as a member of the Newfoundland and Labrador Marine Advisory Committee, liaised frequently with Transport Canada and CN Marine officials with respect to service levels and rates for Gulf and Coastal services, deep sea shipping, subsidization of direct water shipping, and made recommendations with respect to the federal government policy respecting reorganization and administration of Canadian ports. The Division was responsible for the financial and administrative control of the intra-provincial ferry services. During fiscal year 1981-82 considerable effort was expended in finalizing the configuration and location of various ferry terminals, negotiating new contracts, and developing a practicable rationale for an intergrated ferry system.

Complete appraisal of the intra-provincial ferry services was undertaken by consultants and a number of recommendations were implemented.

Rail Transport issues continued to be at the forefront of the Division's activities. Discussions continued with Transport Canada officials with respect to the elements of a plan for the testing and evaluation of the Newfoundland Railway, and an examination of the proposed conversion to containerization was undertaken. In addition, the division participated with other provinces in the matter of the Uniform Classification of Accounts and related railway records, including the Railway cost of capital issue.

The Division was again represented on the Board of Directors and Executive Committee of the Atlantic Provinces Transportation Commission. The object of the Atlantic Provinces Transportation Commission being to obtain for persons and industries in the Atlantic Provinces the best transportation services possible at a cost which will permit the Atlantic Provinces to compete in markets in Canada and throughout the world. In fiscal year 1981-82, the Division again rendered financial support to the APTC as Newfoundland was committed to underwriting 20% of the annual budget.

Over the past years, Newfoundland has made the following contribution to the Commission:

1977-78	$68,000
1978-79	73,000
1979-80	75,400
1980-81	83,000
1981-82	91,600

AIR SERVICES BRANCH

The King Air A100 was operated throughout 1981-82 on air ambulance and government personnel transport missions. Hours flown on air ambulance totalled 338, with 499 hours consumed on general transportation. Considerable down time was experienced during the year as a result of a 1000 hour maintenance check, replacement of a window , a wing bolt and a de-icer boot, as well as persistent fuel leaks. This aircraft has now past its eighth year of service.

The Cessna Skymaster performed well in its usual mix of aerial photograph and forest protection/management related missions. A double engine change was carried out during January 1982.

The fleet of six Canso water bombers conducted seasonal fire suppression operations throughout the Province with total flying time reaching 633 hours. The incidence of forest fires was below average due to a relatively cool summer period. Canso operations did not extend beyond the Province during the year. A number of minor incidents occurred during the active season which resulted in short periods of airframe metal work, all of which were completed in record time, thus keeping aircraft unserviceability at a minimum. All aircraft were in excellent condition at the end of the fiscal year.

The eight helicopters under contract to the Government were fully utilized throughout the year on a mix of government programs and projects. Emergency medical evacuations, clinics, fire suppression support, forestry and wildlife programs, and mineral exploration consumed the bulk of available hours.

The chartering of extra helicopters and fixed wing aircraft continued to fill the demand for dedicated aircraft for extended program periods. Charter helicopter use was significantly reduced over previous years with more emphasis being placed on utilization of less costly fixed wing aircraft. An extensive budworm spray program greatly increased fixed wing aircraft utilization.

AIRPORTS

Transport Canada continued to improve the facilities at Nain, Makkovik, and Mary's Harbour airstrips. Work was commenced on a new airstrip at Davis Inlet through a contract let by the Provincial Government and funded by Transport Canada. The runway surface at the Cartwright airstrip was 90% completed by year's end, the finished portion being serviceable for air operations.

The L'Anse au Loup airstrip constructed by the Airport Action Committee was further improved, being assisted by a further grant from this Department. Field maintenance was carried out at Winterland airstrip to bring it up to Day VFR standards.

At the end of 1981-82, the Province had eight major airports and eleven airstrips in serviceable condition.

HELIPADS

No new helipads were constructed during the year. In 1980-81 report it was indicated that a helipad existed at Springdale. This was an error in that the helipad site had been approved, but the landing surface had in fact not been completed. Nor had it been completed by the end of 1981-82 as a result of financial constraints. The following list, therefore, indicates the location and landing surface of the ten completed helipads within the Province:

HELIPAD LOCATION	SURFACE
Burgeo	Wood platform
Gaultois	Wood platform
Grand Falls	Concrete (4 pads)
Harbour Breton	Concrete
McCallum	Wood platform
Health Sciences	Concrete
Janeway	Concrete
Paddy's Pond	Concrete
Western Memorial	Concrete
Sir Richard Squires	Concrete

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STATISTICS

STATEMENT OF HIGHWAY

CONTRACT TENDERS

FISCAL YEAR 1981-82

8-81	Maintenance and/or installation of Street Lighting and Traffic Control Devices.	Harvey Electric Limited	$ 266,247.50
		B.D. Electric Const. Ltd.	282,197.08
		Lockes Electrical Ltd.	368,307.75
9-81	Supply and Stockpiling of granular base course material, Maintenance Grade No. 3 at eight locations on the Avalon Peninsula.	Placentia	
		Hynes Const. Co. Ltd.	26,300.00
		Adam's Aggregates Ltd.	54,000.00
		Penney Const. Ltd.	57,000.00
		Shorts Const. Ltd.	60,000.00
		Viking Const. Ltd.	63,500.00
		Dawes Concrete Prod. Ltd.	87,350.00
		Tors Cove	
		Shorts Const. Ltd.	40,000.00
		Viking Const. Ltd.	54,800.00
		Penney Const. Ltd.	58,000.00
		Adam's Aggregates Ltd.	72,000.00
		Modern Paving Ltd.	77,880,00
		City Paving Ltd.	78,000.00
		St. Josephs	
		Shorts Const. Ltd.	50,000.00
		Viking Const. Ltd.	55,400.00
		Adam's Aggregation Ltd.	57,600.00
		Penney Const. Ltd.	59,600.00
		Dawes Concrete Prod. Ltd.	66,000.00
		City Paving Ltd.	98,000.00
		Bay Roberts	
		Penney Const. Ltd.	63,600.00
		Dawes Concrete Prod. Ltd.	69,840.00
		Shorts Const. Ltd.	95,200.00
		Viking Const. Ltd.	97,840.00
		Adam's Aggregates Ltd.	104,000.00

9-81
cont.

Foxtrap	
Shorts Const. Ltd.	$ 70,000.00
Penney Const. Ltd.	83,650.00
Modern Paving Ltd.	96,040.00
Beothuck Crushing & Paving	100,100.00
Adam's Aggregates Ltd.	104,000.00
City Paving Ltd.	106,400.00
Viking Concrete Prod. Ltd.	108,500.00
Dawes Concrete Prod. Ltd.	108,640.00
Indian Meal Line Pit	
Shorts Const. Ltd.	30,000.00
Beothuck Crushing & Paving	31,200.00
Lundrigan's Concrete (East) Ltd.	33,750.00
Viking Const. Ltd.	34,800.00
Penney Const. Ltd.	35,010.00
City Paving Ltd.	50,100.00
Adam's Aggregates Ltd.	51,000.00
Modern Paving Ltd.	53,130.00
Hearts Content	
Penney Const. Ltd.	24,875.00
Avalon Precast Concrete Ltd.	29,831.25
Shorts Const. Ltd.	30,000.00
Dawes Concrete Prod. Ltd.	39,050.00
Adam's Aggregates Ltd.	42,500.00
Viking Const. Ltd.	43,500.00
Whitbourne	
Penney Const. Ltd.	24,875.00
Shorts Const. Ltd.	30,000.00
Dawes Concrete Prod. Ltd.	31,525.00
Adam's Aggregates Ltd.	37,500.00
Viking Const. Ltd.	63,750.00

10-81	Repairs Holyrood Pond Bridge - St. Mary's Bay.	Avalon Const. & Engineering	153,600.00
		Lundrigan's Ltd. Time Const (Joint Venture)	166,697.00
		F.J. Const. Co.	179,796.00
		Pinsent Const. Co.	193,499.40
		Trident Construction Ltd.	241,140.00
11-81	Supply and application of liquid calcium chloride on gravel surface highways throughout the Province.	Allied Chemical Canada Ltd	214,027.60
12-81	Purchase & Removal of a one storey wooden frame building on the corner of Topsail Rd & Commonwealth Ave.	No Bidders	---
13-81	Demolition and removal of a two storey wooden frame house located on Topsail Road.	R & R Contracting	1,250.00
		Urban Contracting (J.J. Walsh) Ltd.	1,500.00
		Better Contracting Ltd.	1,700.00
		Impala Constructing Ltd.	2,000.00
		Patrick J. Tobin	5,995.00
		Clayco Construction Ltd.	12,600.00
14-81	Supply and Stockpiling of Granular Base Course Material, Maintenance Grade No. 3 at six locations on the West Coast of the Province.	Cape Ray	
		Adam's Aggregates Ltd.	61,700.00
		Penney Const. Ltd.	89,250.00
		Lundrigan's Ltd.	188,750.00
		Point au Mal	
		Western Const. Ltd.	46,000.00
		Adam's Aggregates Ltd.	67,000.00
		Penny Const. Ltd.	89,250.00
		Lundrigan's Ltd.	188,750.00

14-81 cont.		Lourdes & Mainland	
		Western Const. Ltd.	56,250.00
		Adam's Aggregates Ltd.	76,050.00
		Penney Const. Ltd.	89,250.00
		Lundrigan's Ltd.	188,750.00
		Sops Arm	
		Adam's Aggregates Ltd.	67,000.00
		Penney Const. Ltd.	89,250.00
		Lundrigan's Ltd.	188,750.00
		Reefs Hr. - New Ferrole	
		Hawkes Ind. Limited	24,750.00
		Adam's Aggregates Ltd.	81,900.00
		Penney Const. Ltd.	89.250.00
		Lundrigan's Ltd.	188,750.00
		Griquet & Gunners Cove	
		Adam's Aggregates Ltd.	166,800.00
		Penney Const. Ltd.	178,500.00
		Lundrigan's Ltd.	377,500.00
15-81	Supply and Stockpiling of Granular Base Course Material, Maintenance Grade No. 3 at five locations in District II.	Port Rexton	
		McCurdy Const. & Equip. Rental Ltd.	24,750.00
		Shorts Const. Ltd.	34,500.00
		Adam's Aggregates Ltd.	38,600.00
		Penney Const. Ltd.	38,750.00
		Amherst Cove	
		Sweetlands Aggregates Ltd.	19,475.00
		McCurdy Const. & Equip. Rental Ltd.	24,750.00
		Short's Const. Ltd.	34,500.00
		Adams Aggregates Ltd.	38,600.00
		Penny Const. Ltd.	38,750.00

15-81 cont.		Clarenville	
		Eastern Road Builders Ltd.	23,875.00
		McCurdy Const. & Equip. Rental Ltd.	24,750.00
		Penney Const. Ltd.	30,000.00
		Shorts Const. Ltd.	31,250.00
		Adam's Aggregates Ltd.	38,600.00
		Lethbridge	
		McCurdy Const. & Equip Rental Ltd.	24,750.00
		Penney Const. Ltd.	32,500.00
		Shorts Const. Ltd.	34,500.00
		Adam's Aggregates Ltd.	38,600.00
		Grand Le Pierre	
		Penney Const. Ltd.	116,250.00
		Adam's Aggregates Ltd.	123,300.00
		Shorts Const. Ltd.	187,500.00
16-81	Demolition of a one storey wooden frame building on the corner of Topsail Rd. and Commonwealth Avenue.	Metro Contracting Ltd.	1,000.00
		Urban Contracting, J.J. Walsh Ltd.	1,200.00
		Impala Const. Ltd.	1,500.00
		Better Contracting Ltd.	1,920.00
17-81	Supply and Stockpiling of Granular Base Course Material near Mann Point, Gander Bay and four locations on the Baie Verte Peninsula.	Jct. 410 - 414	
		Adam's Aggregates Ltd.	43,320.00
		Penney Const. Ltd.	46,500.00
		Jct. 414 - 416	
		Adam's Aggregates Ltd.	60,000.00
		Penney Const. Ltd.	73,500.00

17-81		Burlington - Middle Arm	
		Adam's Aggregates Ltd.	46,320.00
		Penney Const. Ltd.	73,500.00
		Western Arm - R.411	
		Adam's Aggregates Ltd.	40,320.00
		Penney Const. Ltd.	67,500.00
		Jct. 330 - 332	
		McCurdy Const. & Equip Rental Ltd.	49,800.00
		Adams Aggregates Ltd.	92,640.00
		Penney Const. Ltd.	165,000.00
18-81	Reconstruction of the road from the Provincial Border at Blanc Sablon towards Pinware, km 0-km 20.	McNamara Corp. of Nfld Ltd.	$2,282,810.00
		Lundrigan's Ltd.	2,399,722.00
		Western Const. Co. Ltd.	2,481,020.00
		Labrador Const. Ltd.	2,589,045.00
		Viking Const. Ltd.	2,951,430.80
		H.J. O'Connell Ltd.	4,835,463.00
19-81	Reconstruction of the road from the Provincial Border of Blanc Sablon towards Pinware, km 20-km 36.7	Lundrigan's Ltd.	2,177,872.00
		McNamara Corp. of Nfld. Ltd.	2,280,430.00
		Western Const. Ltd.	2,394,390.00
		Labrador Const. Ltd.	2,489,348.00
		Viking Const. Ltd.	3,038,181.05
		H.J. O'Connell Ltd.	4,759,037.50
20-81	Paving Route 237, Amherst Cove towards Catalina approx. 11.0km	McNamara Corp. of Nfld. Ltd.	432,652.75
		Penney Const. Ltd.	453,198.50

21-81	Construction of approximately 5.0km of road between Tilton and New Harbour.	Babb Construction Ltd. Penney Roadbuilders Ltd. Cannon Const. Ltd. Weirs Const. Ltd. Adam's Aggregates Ltd. Eastern Roadbuilders Ltd.	$ 277,966.30 292,740.00 335,860.00 346,645.00 433,160.00 556,600.00
22-81	Furnishing, Crushing and Stockpiling of 12.7mm Chip Seal Aggregates.	Item one Lundrigan's Ltd. Adam's Aggregates Ltd.	71,340.00 156,600.00
		Item two Adam's Aggregates Ltd. McCurdy Const. & Equip.	168,000.00 199,500.00
23-81	Application of Chip Seal Treatment on 25km of roads in Stephenville Area.	Atlantic Colas Ltd.	299,427.64
24-81	Application of Chip Seal Treatment on 30km of roads in District III.	Atlantic Colas Ltd.	385,010.40
25-81	Application of Chip Seal Surface Treatment of 5km on Route 90 and 5km on Route 210.	Cancelled	
26-81	Reconstruction and paving of approximately 2.0km of Route 60 between Georgetown and Brigus.	Penney Const. Ltd. Cannon Const. Ltd.	347,705.00 420,486.00
27-81	Upgrading of a section of Route 411, km23 - 25.4, approx. 2.4km towards Westport.	Penney Const. Ltd. Babb Const. Ltd.	329,648.00 349,856.00

28-81	Blanche Brook Bridge on Harmon By-Pass.	Pinsent Const. Co. Ltd.	$ 290,892.50
		Trident Const. Ltd.	295,946.00
		Lundrigan's Ltd.	301,614.50
		Whites Const. Ltd.	337,372.00
		Avalon Const. & Engineering Ltd.	392,128.00
		Alexander Enterprises Ltd.	407,252.00
		Solid Const. Ltd.	436,352.00
29-81	Reconstruction and Paving of Route 100 from Placentia, Lift Bridge to Ferndale Road Intersection, approx. 1000m.	Hynes Const. Co. Ltd.	553,465.00
		Edward Collins Contracting Ltd.	574,000.00
30-81	Paving Clarkes Road, St. Thomas Indian Pond Road, Seal Cove, and Conception Bay Highway.	City Paving Limited	117,889.50
		Beothuck Crushing & Paving	131,340.00
		Modern Paving Limited	132,466.50
31-81	Highway improvements on Block Road, R 407-13, Bairds Road and Lochlomond Road, R 407-12.	Western Const. Co. Ltd.	183,400.00
		Adam's Aggregates Ltd.	233,550.00
32-81	Supply and application of surface course asphalt and granular material for shouldering on Route 460 Stephenville Area and Route 461 St. Georges Area, approx. 3.3km.	Western Const. Co. Ltd.	172,000.00
33-81	Upgrading of approximately 2.5km section of R413 Burlington Bridge towards R410	Adam's Aggregates Ltd.	274,740.00
		Penney Roadbuilders Ltd.	289,442.00
		Wells and Park Const. Ltd.	315,860.00

34-81	Reconstruction Witless Bay Line, Route 13, from km11.5 to km15.5	Newtown Const. Ltd. McNamara Corp of Nfld Ltd. Modern Paving Ltd. Greenslades Const. Ltd. Penney Roadbuilders Ltd. Adams Aggregates Ltd. Beothuck Crushing & Paving Tors Cove Excavation Ltd. Shorts Const. Ltd.	$ 371,370.00 464,220.00 476,465.00 487,135.00 509,910.00 517,045.00 527,606.00 559,980.00 563,760.00
35-81	Supply & application of granular and asphaltic pavement to section of Route 212 from Jacques Fontaine towards Little Bay East intersection.	Penney Const. Ltd.	512,835.00
36-81	New Construction of a section of road from Pilley's Island towards Long Island Tickle approximately 3km.	Adam's Aggregates Ltd. McNamara Corp of Nfld Ltd. Eastern Roadbuilders Ltd. Penney Roadbuilders Ltd. Babb Const. Ltd. Pelley Enterprises Ltd.	330,320.00 367,210.00 374,680.00 387,321.00 410,766.44 418,280.00
37-81	Grading of various sections of Route 230-14 between Charleston and Sweet Bay.	Eastern Roadbuilders Ltd.	48,850.00
38-81	Paving of Route 204 from the end of pavement at Queen's Cove - Long Beach, approx. 60km.	McNamara Corp of Nfld Ltd. Penney Const. Ltd.	318,400.00 359,900.00
39-81	Paving two sections of Route 10 and Dorsey's Lane and Hawlett's Line, Goulds Area, 6.70km app.	Modern Paving Ltd. City Paving Ltd. Beothuck Crushing & Paving	239,640.50 270,563.50 272,399.00

40-81	Upgrading and grading of Route 203 from TCH to and through Fairhaven and Route 203-10 in Fairhaven.	Warren's Const. Ltd. Eastern Roadbuilders Ltd. Cannon Const. Co. Ltd.	48,190.00 74,700.00 130,592.00
41-81	Construction of two roads in the English Harbour East area.	Eastern Roadbuilders Ltd. Penney Roadbuilders Ltd.	63,900.00 95,000.00
42-81	Improvement at various sections of roads Route 205-11-1,-2,-3, and Route 205 in Hatchet Cove and St. Jones within.	Eastern Roadbuilders Ltd.	63,395.00
43-81	Supply & application of granulars and asphaltic pavement to sections of roads on Random Island and Route 232, Burgoyne's Cove.	Penney Const. Ltd. McNamara Copr of Nfld Ltd.	435,225.00 496,388.00
44-81	Paving of approximately 6.7km of road in the St. George's Area.	Western Const. Co. Ltd. McNamara Corp of Nfld Ltd. Lundrigan's Ltd.	479,350.00 609,629.00 612,125.00
45-81	Paving of various sections of Route #1, #340, #350 and #370 in Central Newfoundland, a total distance of approximately 7.0km.	Penney Const. Ltd. Bakers Paving Ltd.	112,352.48 120,698.48
46-81	Supply & Stockpiling of Granular Base Course Maintenance Grade #3, Fogo Island.	Shorts Const. Ltd. Adam's Aggregates Ltd. McCurdy Const. & Equip. Rental Ltd.	89,250.00 99,375.00 149,625.00

47-81	Reconstruction of a section of R391, road from Kings Point to Jackson's Cove from km11 to km 12.3	Adam's Aggregates Ltd. Wells & Park Const Co Ltd. Pelley Enterprises Ltd. Eastern Roadbuilders Ltd.	$ 91,050.00 91,825.00 111,775.00 164,950.00
48-81	Grading R431, Wiltondale to Lomond, km4 to km 6	Bonne Bay Contractors Ltd. Jones Construction Ltd. Lundrigan's Ltd. Wells & Park Const. Ltd.	237,066.75 281,504.65 285,945.75 373,141.00
49-81	Grading and paving of a section of R381 through Miles Cove, through Port Anson & a section towards the Causeway.	Penney Paving Ltd.	439,045.00
50-81	Grading of approximately 1km road, R340-37 of Herring Neck to RLU 60km/h Standard.	Adam's Aggregates Ltd. Harry Cooper Const. Ltd. Babb Const. Ltd. Eastern Roadbuilders Ltd. Penney Roadbuilders Ltd.	133,855.00 159,360.00 172,153.90 178,090.00 222,840.00
51-81	Paving of roads in Harbour Main-Bell Island District total distance 7.94km approximately.	Penney Blacktop Ltd. Modern Paving Co. Ltd. Beothuck Crushing & Paving	271,048.00 313,881.30 324,284.00
52-81	Paving of streets at Carbonear for a total distance of 2.5km.	Penney Blacktop Ltd.	107,750.00
53-81	Patching and recapping of Hamilton River Road R520 at Goose Bay, from Woodland Crescent intersection towards Happy Valley for approx. 2km and paving of approaches to Bridge in North West River.	Labrador Construction Ltd.	319,925.00

54-81	Phase I - Edwards River Bridge, Happy Valley - Churchill Falls, Labrador.	Avalon Const & Eng Co. Ltd. Lundrigan's Ltd. Pinsent Const. Co. Ltd. Headland Const. Co. Ltd.	$ 324,762.00 329,550.00 425,625.00 477,625.00
55-81	---	---	---
56-81	Street Reconstruction and Paving Phase III Main Street, Bishop Falls, approx. 0.5km.	Adam's Aggregates (1975)Ltd. Penney Paving Ltd.	339,855.00 458,705.00
57-81	Recapping of Portugal Cove Road from Airport Road Intersection to Windsor Lake, approx. 2.0km.	Beothuck Crushing & Paving Modern Paving Ltd. McNamara Corp of Nfld Ltd. City Paving Ltd.	193,205.00 223,595.00 235,155.00 249,321.25
58-81	Paving of Goose Arm Road at Nicholsville including installation of culvert pipes.	Woodron Chaulk Ltd. Lundrigan's Ltd.	94,450.00 145,060.00
59-81	Construction of roads (a)through Williams Harbour (b) from Williams Harbour to George's Cove (c) through George's Cove, approx. total distance 5km.	Pinsent Const. Co. Ltd. Labrador Const. Co. Ltd. Jones Const. Co. Ltd. Babb Const. Co. Ltd. Shorts Const. Co. Ltd. Pelley Enterprises Ltd.	631,100.00 686,876.00 816,100.00 876,698.00 965,220.00 999,360.00
60-81	Repaving of Route 530 from Labrador City to Wabush, approx. 5.0km.	H.J. O'Connell Co. Ltd.	570,517.00

61-81	Reconstruction & Paving of Logy Bay Road, St. John's, East from Harding Road intersection to Sugarloaf Road intersection for a distance of 1.2km	Lundrigan's Concrete East Ltd.	$ 367,600.00
		Modern Paving	395,540.50
		Beothuck Crushing & Paving	408,223.00
		City Paving Ltd.	412,925.00
		McNamara Corp of Nfld Ltd.	442,450.00
62-81	Repaving of 1.14km section of R370 in Buchans together with road improvements and paving for the Town of Buchans.	Penney Paving Ltd.	592,312.00
63-81	Upgrading of 0.44km long section of O'Connell Drive in Corner Brook to four lanes from end of existing four lanes treatment to Vocational School entrance.	Lundrigan's Ltd.	539,951.00
64-81	Subgrade reconstruction from Burin Peninsula Highway towards Terrenceville approx. 2km.	Len Singleton Ltd.	127,810.25
		Weirs Const. Ltd.	132,819.75
		Eastern Roadbuilders Ltd.	145,005.50
		Garrison Const. Ltd.	166,461.40
65-81	Reconstruction of approximately 1km of Route 350, road from Point Leamington to Leading Tickles, km64.1 to km65.1 (near Dump Site Road).	Eastern Roadbuilders Ltd.	97,160.00
		Penney Paving Ltd.	116,275.00
		Babb Construction Ltd.	128,959.40
66-81	Purchase & Removal from present site one storey wooden bldg. Waterline Rd. Portugal Cove Rd.	No Bids	

67-81	Davis Inlet Construction of runway, taxiway, apron and access road.	Labrador Const. Ltd. Northern Contracters and Builders Ltd. Shorts Const. Ltd. McNamara Corp of Nfld Ltd. Babb Const. Ltd.	$ 980,850.00 1,189,260.00 1,249,430.00 1,281,850.00 1,342,785.00
68-81	Cancelled	---	---
69-81	(a) Reconstruction of road from Provincial Border at Blanc Sablon to Pinware R510 from km36.7 (L'anse au Diable) to km46.6 to and through Pinware. (b) Reconstruction of a section of the road to Red Bay km61.62 approx. Subgrade 11.0km and cross section RLU 80km/h.	McNamara Corp of Nfld Ltd. Lundrigan's Ltd. Labrador Construction Ltd. Western Const. Co. Ltd.	1,721,690.00 1,873,100.00 1,926,133.00 2,170,990.00
70-81	Demolition of Grand Codroy River Bridge.	Western Const. Co. Ltd. Avalon Const. & Engineering. C.C.M. Const. Nfld. Ltd.	295,400.00 837,000.00 1,061,000.00
71-81	Reconstruction & Paving sections of Commonwealth Avenue at Mt. Pearl from Centenial Street Intersection to Glendale Avenue Intersection and from the Waterford River Bridge to Topsail distance of 520m approx. including storm sewer installation.	Beothuck Crushing & Paving Cannon Const. Co. Ltd. Modern Paving Ltd.	312,358.00 317,865.00 326,979.00

72-81	Design, supply and installation of Super Span Structure, approx. 27m in length at Gales Brook on Route 420, km26.27. The work also includes removal of existing bridges and grading of approaches.	Signal Const. Ltd.	$ 218,858.80
		Wells & Pack Const. Co.	249,690.80
		Hewlett Services Ltd.	256,280.80
		Pinsent Const. Co. Ltd.	274,683.80
		Lundrigan's Ltd.	286,279.80
		Trident Const. Co. Ltd.	306,938.80
		Penney Underground Ltd.	343,813.80
		Avalon Const. & Eng. Ltd.	383,000.00
73-81	Repairs to Rocky Brook Bridge at Cormack.	Pinsent Const. Co. Ltd.	63,580.00
		Solid Const. Ltd.	76,190.00
		Avalon Const. & Eng. Ltd.	96,000.00
		Trident Const. Ltd.	97,445.00
		Signal Const. Co. Ltd.	97,860.00
		Clayco Const. Ltd.	98,000.00
74-81	Demolition of one storey dwelling on Waterline Road off Portugal Cove Road.	Urban Contracting (J.J. Walsh) Ltd.	550.00
		Michael F. McGrath	699.00
		Metro Contracting Ltd.	860.00
		Better Contracting Ltd.	1,000.00
		R & R Contracting	1,295.00
		Leander Squires	2,385.00
		Weirs Const. Co. Ltd.	4,500.00
		Robert Cox	4,950.00
		Stuart A Morris & George D Mercer	5,150.00
75-81	Reconstruction of Route 411 to Westport, km25.4 - km28.1	Penney Roadbuilders Ltd.	390,150.00
		Jones Const. Ltd.	407,150.00
76-81	Winter maintenance of approx. 5.3km of road on Pilley's Island	R. P. Enterprises Ltd.	34,200.00
		J. Ryan - Ryan's Trucking	39,800.00

77-81	Winter maintenance of approx. 26.5km of road on the North Shore of Bay of Islands.	Brakes Const. (1981) Ltd. Pete's Excavating & Landscapping Wells & Park Const Co Ltd.	$ 119.200.00 123,792.00 148,000.00
78-81	---	---	---
79-81	Repair of washouts at the end of existing culverts along the road from Labrador City at Wabush River.	H.J. O'Connell Const. Ltd.	114,255.00
80-81	Paving of approximately 5.0km of road in Harbour Mille Area.	Adam's Aggregates Ltd. Penney Construction Ltd.	333,770.00 473,370.00
81-81	Tender for purchase and removal of house on Torbay Road.	Green Hunt Loyola Reddy Augustus Barron John Roche John J. Walsh	2,500.00 1,250.00 650.00 650.00 25.00
1-82	Tender for removal of one storey wooden-frame cottage on the Trans Canada Highway situated 1.6km east of Holyrood Access Road	Glen Moores Alfred Eavis Better Contracting Ltd. Urban Contruction Bruce Anstey	390.00 400.00 500.00 500.00 550.00
2-82	Tender for removal of a one storey wooden-frame cottage on the Trans Canada Highway situated 0.3km east of Holyrood Access Road.	Alfred Eavis Urban Constracting Ltd. Better Contracting Ltd. Bruce Anstey Glen Moores Weirs Const. Ltd.	400.00 500.00 500.00 500.00 570.00 900.00

STATEMENT OF EXPENDITURES

BY ELECTORAL DISTRICT

1981

BAIE VERTE - WHITE BAY

PROJECT	TCH	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Upgrading of Route 413 Burlington Bridge - Route 410		X		2.5	399,585							
Reconstruction Route 411 - Westport Rd.		X			537,896							
Reconstruction of Route 411 to Westport km 29 4 - 28.1		X		2.7	55,891							
Paving Baie Verte - Seal Cove & Baie Verte Fleur de Lys			X		36,411							

1981

BELLEVUE

PROJECT	TCH	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Improvement at various sections of roads Route 209-11-1-2-3 and Route 205 in Hatchet Cove and St. Jones Within.		X			59,731							
Paving of Route 204 from Queen's Cove - Long Beach		X			439,217							
Upgrading Roads in Little Heart's Eas		X			14,100							
Upgrading Roads in Bloomfield		X			4,998							

1981

BONAVISTA SOUTH

PROJECT	TCH	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		% TO DATE
				km	COST $	km	COST $	km	COST $	No	COST $	
Paving Route 237, Amherst Cove towards Catalina approx. 11km		X		11	659,696							
Grading at various sections of Route 230-14 between Charleston and Sweet Bay		X			59,595							

1981

BURGEO - BAY D'ESPOIR

PROJECT	TCH	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Access road to St. Josephs Cove Brook		X			2,224							

1981

BURIN - PLACENTIA WEST

PROJECT	T.C.H	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Upgrading and paving of approx. 100m of two-lane highway, Route 221, through Burin		X		0.1	198,738							

1981

CONCEPTION BAY SOUTH

PROJECT	TCH	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Construction and Paving Spruce Hill Rd., Powlers Rd. and Miller's Rd.		X										
Paving Clarkes Rd., Indian Pond Rd., and C. B. Highway.		X						3.1	326,437			
Replace Timber beam and decking, Rebecca's Rd. Bridge		X							172,651		2,500	

1981

EAGLE RIVER

PROJECT	T.C.H	PROV.	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Bridge Decking and Pinware		X									10,000	
Cartwright Airstrip and Access Rd.		X		10	406,989							
Blanc Sablon towards Pinware km0 - 20			X	20	2,598,031							
Blanc Sablon towards Pinware km20-36.7			X	16.7	2,090,123							
Blanc Sablon towards Pinware km36.7 - 46.6, and Rd. to Red Bay			X	10.9	603,260							
Const. of Rds. through Williams Hr. from Williams Hr. to Georges Cove and through Georges Cove.			X			5	31,606					
Paving Blanc Sablon towards Pinware km0 - 46.6			X					46.6	915,750			

1981

EXPLOITS

PROJECT	TCH	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Reconst. and Paving Main St. Bishop Falls		X						0.5	367,239			
Reconst. from Point Leamington to Leading Tickles		X		1	141,572							
Rd. to Community Stage Cottrell's Cov		X			69,596							
Reconst. Cottrell's Cove Rd.		X			20,345							
Rd. to Haul Out - Moores Cove		X			2,199							

1981

PERRYLAND

PROJECT	TCH	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Reconst. Witless Bay Line; km11.5-15.5		X		4	282,244							
South Side Rd., Cape Broyle		X			7,982							
Stoney Island Road, Culvert		X			1,992							
Aylward's Road, Cape Broyle		X			5,953							
Murphy's Lane, Witless Bay		X			3,955							

1981

FOGO

PROJECT	TCH	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Supply and Stockpile granular base course - Fogo Island		X			149,654							

1981

FORTUNE - HERMITAGE

PROJECT	TCH	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No.	COST $	TO DATE
Reconstruction from Burin Peninsula towards Terrenceville		X			130,450							
Reconst. and Paving Route 212 Burin Peninsula		X							424,887			
Const. 2 roads in English Hr. East Area		X					71,322					
Reconst. of the English Hr. East Rd.		X			17,597							
Repairs to Route 212 - Bay L'Argent		X			17,306							
Reconst. of road to Davis Cove		X			2,936							
Harbour Breton Rd. km129.3 - 205.5			X		12,219							
Upgrading and Paving of a two-lane road through Hr. Breton			X					1.5	1,307,032			

1981

GREEN BAY

PROJECT	TCH	PROV	DREE	RECONSTRUCTION km	RECONSTRUCTION COST $	NEW CONSTRUCTION km	NEW CONSTRUCTION COST $	PAVING km	PAVING COST $	BRIDGES No	BRIDGES COST $	% TO DATE
Perry Terminal - Little Bay Island Suley Ann's Cove		X					21,257					
Const. Rd. to new fishing wharf at Little Bay		X					35,170					
Const. 80m of road to proposed wharf at Triton East		X				.08	25,000					
Rd. improvement in Beachside and Middle Bay		X			20,000							
Grading and paving through Miles Cove, through Port Ansen towards the causeway		X							532,140			
New Const. road from Pilley's Island towards Long Island Tickle		X				3	347,102					
Reconst. Kings Point - Jackson's Cove		X		1.2	119,632							
Pilley's Island - Long Island Tickle		X			81,570							

1981

HARBOUR GRACE

PROJECT	TCH	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No.	COST $	TO DATE
Reconst. from Tilton towards New Harbour km12 - 18		X		6	195,414							
Const. of approx. 5km of road between Tilton and New Harbour		X		5	369,036							
Improvements to Int. at Bishop's Cove Access Rd.		X			4,125							

1981

HARBOUR MAIN - BELL ISLAND

PROJECT	TCH	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
New Access to Middle Gull Pond		X			1,996							
Paving various roads in Harbour Main - Bell Island District		X						7.5	380,114			

1981

HUMBER VALLEY

PROJECT	TCH	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No.	COST $	TO DATE
Reconst. and Pave Int. at TCH with Church St., Pasadena		X							52,324			
Paving Goose Arm Road		X							114,348			
Repairs to Rocky Brook Bridge at Cormack		X									20,818	
Superspan at Gales Brook approx. 27m		X									11,332	
Reconst. at Jacksons Arm, Pollard's Pt. and Sop's Arm		X			111,321							
Pollard's Point Bridge and associated works		X									282,594	
Reconst. Hampden - Sop's Arm		X			16,397							
Feasibility Study - TCH Deer Lake to Corner Brook		X			77,483							

1981

HUMBER WEST

PROJECT	TCH	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Upgrading O'Connell Dr. to four lanes		X		0.44	475,814							
O'Connell Dr., Phase II 0.76km		X		0.76	14,517							
Country Rd. Ind. Park Access, TCH to O'Connell Drive			X				22,795					
Corner Bk. Stream Bridge			X								234,248	
Corner Bk. Access Rd. Underpass			X								495,273	
Paving Corner Bk. Ind. Access Rd. TCH to O'Connell Drive			X					9.7	1,674,029			

1981

KILBRIDE

PROJECT	TCH	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No.	COST $	TO DATE
Paving Dorsey's Lane and Howlett's Line, Goulds		X							330,558			
Repairs to Cracker Bridge Road,, near Second Pond		X			4,925							

1981

LA POILE

PROJECT	T.C.H	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Isle Aux Morts Bridge		X									18,944	

1981

LEWISPORTE

PROJECT	T.C.H	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No.	COST $	TO DATE
Paving Norris Arm West Access Rd.		X							14,471			

1981

MENIHEK

PROJECT	TCH	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Repaving R530 Lab. City - Wabush		X						5	368,695			
Road improvements to Javelin Rd.		X			8,659							
Replace Timber Deck on Wabush Narrows Bridge		X									16,047	
Washouts at Walsh River		X			104,965							

1981

MOUNT PEARL

PROJECT	TCH	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Reconst. Topsail Rd. from Blackmarsh Rd. towards St. John's		X		1.3	632,184							
Reconst. and pave Commonwealth Ave		X						.52	520,854			
Topsail Rd. - Commonwealth Ave Inters.		X			40,000							

1981

MOUNT SCIO

PROJECT	TCH	PROV	DREE	RECONSTRUCTION km	RECONSTRUCTION COST $	NEW CONSTRUCTION km	NEW CONSTRUCTION COST $	PAVING km	PAVING COST $	BRIDGES No	BRIDGES COST $	% TO DATE
Recapping Portugal Cove Rd. from Airport Rd. int. by Winsor Lake		X						2	302,053			
Pedestrian structures, Prince Philip Drive		X					412,963					

1981

NASKAUPI

PROJECT	TCH	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Freedan Rd. improvements		X			68,715							
Edward's River Bridge Phase I		X									293,144	
Patching and Recapping Hamilton River Road		X						1.2	271,703			
Paving approach, Northwest River Bridge			X						75,201			
Northwest River Bridge			X								222,391	
Approaches Northwest River Bridge			X				133,493					

1981

PLACENTIA

PROJECT	T.C.H	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Upgrading Route 203 to and through Fairhaven		X			81,321							
Reconst. Route 100 Placentia Lift Bridge to Ferndale Rd. Int.		X		1	621,370							

1981

PORT DE GRAVE

PROJECT	TCH	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Paving Georgetown - Brigus		X							463,478			

1981

ST. BARBE

PROJECT	T.C.H	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Grading Route 431, Wiltondale - Lomond km4 - 6		X		2	305,980							
Paving Trout River - Glenburnie - Woody Pt.			X						6,737			
St. Paul's Bridge		X									56,377	

1981

ST. GEORGE'S

PROJECT	T.C.H	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Stephenville Access Rd. Overpass at TCH			X								173,023	
Grading Stephenville Ind. Park Access Road			X			13.5	2,598,117					
Ford's Rd., Winterhouse, St. Davids		X			5,000							
Const. at a rd. at Black Duck Siding		X					5,991					
Upgrading Gillian's Road, Robinsons		X			2,028							
Fischell's River to Robinsons Access Rd. km790 - 800	X			10	26,668							
Grading and paving Gallants Rd. int.- Georges Lake km 716 - 727	X							11	240,057			
Const. of Whites Rd. Underpass	X										156,505	
Grading and paving Crabbes River to - wards Robinsons Access Rd. km804-809	X							5	1,086,788			
Grading and paving Crabbes River to- wards Robinsons Access Rd. km802-809	X							2	710,881			
Reconst. Block and Lochlomond Rds.		X	X		203,188							

1981

ST. GEORGE'S (CONT'D)

PROJECT	T.C.H	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No.	COST $	TO DATE
Paving Mattis Point Rd, St. George's		X	X					6.7	806,265			
Uprading Gallants Road		X			50,603							
Road improvement, Black Duck Siding		X			19,986							
Improvement to Farm Rd. in Robinsons		X			30,441							
Replace Wooden Bridge at South Branch		X									13,184	
Grand Codroy River Bridge		X									135,646	
Middle Barachois Brook Bridge		X									776,457	

1981

ST. JOHN'S EAST EXTERN

PROJECT	T.C.H	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No.	COST $	TO DATE
Upgrading Snow's Lane		X			22,136							
Reconst. Shoe Cove Beach Road		X			8,929							
Reconst. and pave Logy Bay Road		X						1.2	287,611			
Logy Bay Rd. and Harding Rd. inters.		X			42,486							

1981

ST. JOHN'S SOUTH

PROJECT	TCH	PROV	DREC	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Engineering St. John's Harbour Arterial		X					20,616					

1981

ST. MARY'S - THE CAPES

PROJECT	TCH	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No.	COST $	TO DATE
Repairs to Holyroad Pond Bridge		X									184,537	
Repairs to washout between St. Vincents and St. Stephens		X			42,035							

1981

STEPHENVILLE

PROJECT	T.C.H.	PROV.	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Blanche Brook Bridge		X									224,925	

1981

STRAIT OF BELLE ISLE

PROJECT	T.C.H	PROV.	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No.	COST $	TO DATE
Const. of two roads in St. Anthony Bight		X					4,785					
Mitchemore's Rd., Green Island Cove		X			1,992							
Paving Cooks Hr. - St. Anthony km413.3 - 439.5			X		7,795							

1981

TERRA NOVA

PROJECT	TCH	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Access Rd. to the Saltwater, Bloomfield		X			2,999							
Glovertown - TCH Underpass	X										12,382	
Hydroseeding slopes, Glovertown Intersection	X				21,056							
Upgrading TCH Terra Nova Park Boundary to 2km west of Glovertown Int km205 - 276	X				3,545							

1981

TRINITY - BAY DE VERDE

PROJECT	TCH	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No.	COST $	TO DATE
Repairs to Bridge at Brownsdale		X									14,240	

1981

TRINITY :IORTH

PROJECT	T.C.H	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Upgrading and paving Shoal Hr. School Rd.		X							11,897			
Road Improvements - Hickman's Hr		X			9,592							
Improvements to Cattle Crossing - Dunfield		X			2,199							
Reconst. and paving roads in Random Island and Route 232 Burgoynes Cove.		X							618,890			
Penney's Rd., Burgoynes Cove		X			2,985							

1981

TWILLINGATE

PROJECT	TCH	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		% TO DATE
				km	COST $	km	COST $	km	COST $	No	COST $	
Grading 1km of Route 340-37 Herring Neck		X		1	183,331							

1981

WATERFORD - KENMOUNT

PROJECT	TCH	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Crosstown Arterial Rd.		X					3,450,186					
Prince Phillip Parkway		X					26,123					

1981

WINSOR - BUCHANS

PROJECT	T.C.H	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Repaving Route 370 in Buchans		X						1.14	96,815			
Place Bailey Bridge - Wiley's Brook		X									28,530	
Guide Rail - Burgeo Rd.			X			148	5,987					
Granulars - Burgeo Rd.			X			18.5	370,040					
Reconst. Burgeo Rd. Km139.5 - 148			X			9.5	36,599					

1981

TORNGAT MOUNTAINS

PROJECT	T.C.H	PROV	DREE	RECONSTRUCTION		NEW CONSTRUCTION		PAVING		BRIDGES		%
				km	COST $	km	COST $	km	COST $	No	COST $	TO DATE
Const. Airstair, Davis Inlet		X					10,987					

STATEMENT OF OPERATING STATISTICS

i) Ferry Services

ii) Air Services

i) Intra-Provincial Ferry Services

Operating statistics for the fiscal year 1981-82 appear below, with 1980-81 figures in brackets:

Service	Passengers	Automobiles	Subsidy Amount
Burnside-St. Brendan's	9,022 (8,604)	1,748 (1,730)	154.400 (129,000)
Carmanville-Fogo	31,948 (32,643)	16,231 (16,776)	279,050 (308,000)
Farewell-Change Islands	9,618 (10,501)	5,018 (5,309)	262,000 (120,000)
Greenspond-Badgers Quay	13,432 (13,470)	N/A	237,600 (150,000)
Portugal Cove-Bell Island	325,396 (333,155)	123,334 (126,588)	1,643,465 (1,375,000)
St. Patrick's-Long Island Little Bay Island	24,125 (20,465)	4,965 (10,677)	618,175 (821,100)
Bonne Bay	24,019 (20,334)	14,973 (13,439)	129,500 (145,000)
Ramea-Burgeo-Grey River	7,923 (7,673)	N/A	407,444 (220,000)

ii) Air Services

Operating statistics for the fiscal year 1981-82 comparison with fiscal year 1980-81 and 1979-80.

Aircraft Flying Hours	1981-82	1980-81	1979-80
Cansos	633	766	1,194
King Air	1,113	950	1,089
Cessna	373	347	338
Helicopter Contract	6,439	6,400	6,831
Helicopter Charter	607	1,955	1,770
Fixed Wing Charter	5,720 includes budworm	1,690 includes budworm	1,743 includes budworm

Air Ambulance Flights			
Number of Flights	534	482	422
Number of Patients	522	499	452

Forest Fire Operations			
Number of Fires	42	41	137
Number of Water Drops	1,269	1,212	5,545
Number of Water Bomber Hrs.	247	204	749

POOR

QUALITY

ORIGINAL